**Практическая работа (словарь)**

Задание 1

test\_dict = {1: 'element 1', 2: 'element 2', 3: 'element 3', 4: 'element 4', 5: 'element 5'}  
keys = test\_dict.keys()  
print(keys)  
values = test\_dict.values()  
print(values)  
items = test\_dict.items()  
print(items)

Задание 2

test\_dict = {'key 1': 'value 1', 'keyyy': 'vlaueee', '123': 123, 'random?': 'yes', 1: 'two'}  
value\_keyyy = test\_dict.get('keyyy')  
value\_1 = test\_dict.get(1)  
print("Значение ключа 'keyyy':", value\_keyyy)  
print("Значение ключа 1:", value\_1)

Задание 3

pc = {'info:': 'PC devices', 1: 'Video card', 2: 'Processor', 3: 'Monitor', 4: 'Strawberry', 5: 'Speakers'}  
pc.pop(4)  
pc[6] = 'Keyboard'  
pc[7] = 'Mouse'  
pc[8] = 'Headset'  
print(pc)

Задание 4

double\_sy = {1: '10111011', 2: '010101', 3: '11111101', 4: '110010', 5: '011010', 6: '100011001'}  
for key in double\_sy:  
 a = double\_sy.get(key)  
 if key%2==1:  
 print(int(a,2))

Задание 5

a = {}  
while True:  
 book = input("Название книги")  
 if book.lower() == 'все' or book.lower() == 'end':  
 break  
 else:  
 writer = input("Писатель")  
 a[book] = writer  
print(a)

Задание 6

encrypted = "бъ/тродчмн/ропябзкзры:/ояпнкы[/\*@$:йнло@!!"  
decode = {"а": "б", "б": "в", "в": "г", "г": "д", "д": "е", "е": "ё", "ё": "ж", "ж": "з", "з": "и", "и": "й", "й": "к",  
 "к": "л", "л": "м", "м": "н", "н": "о", "о": "п", "п": "р", "р": "с", "с": "т", "т": "у", "у": "ф", "ф": "х",  
 "х": "ц", "ц": "ч", "ч": "ш", "ш": "щ", "щ": "ъ", "ъ": "ы", "ы": "ь", "ь": "э", "э": "ю", "ю": "я", "я": "а",  
 "/": " ", ":": "!", "'": ".", "[": ":", "~": ",", "!": "1", "@": "2", "#": "3", "$": "4", "%": "5", "^": "6",  
 "&": "7", "\*": "8", "(": "9", ")": "0"}  
for i in encrypted:  
 if i in decode.keys():  
 print(decode.get(i), end="")